

## PATENT ABSTRACTS OF JAPAN

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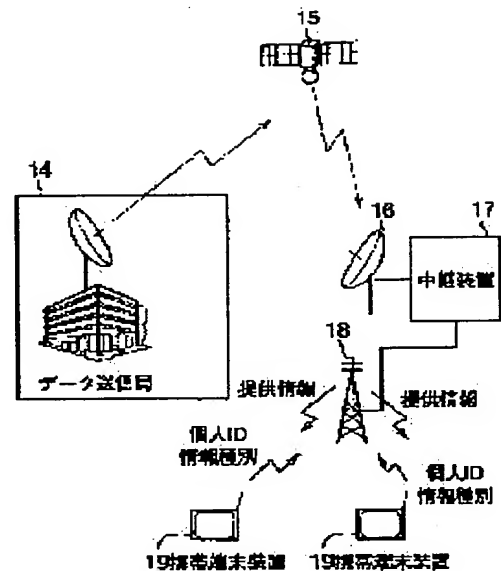
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## (54) DATA BROADCASTING SYSTEM AND TERMINAL EQUIPMENT

## (57)Abstract:

PROBLEM TO BE SOLVED: To miniaturize constitution, improve portability and speedily transfer information by eliminating the need of providing a BS antenna and the like in a portable terminal.

SOLUTION: A data broadcasting station 14 multiplexes a video, sound, computer software, game software and data on newspapers and magazines, superposes them on a TV signal and transmits it to a reception-side BS antenna 16 through a broadcasting satellite 15. In the standard system of the standard TV broadcasting of the satellite 15, a multiplex auxiliary carrier is digitally modulated and transmitted. A data packet is extracted from the TV signal received by the antenna 16 in a repeater 17 and the signals are transmitted to respective portable terminal equipments 19 through a radio antenna 18. The repeater 17 receives an information request from the equipment 19 within a prescribed area, receives information adjusted to the request from the satellite 15 and transfers it to the equipment 19 by using radio. Thus, the equipment 19 is provided with a small power radio equipment which can be communicated with the repeater 17. It can retrieve data information, a data reception equipment from the satellite is eliminated and portability can be improved.



## LEGAL STATUS

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